

001500242-
CONTRACTOR-
RECOMMENDED PRIORITY

FOR USE WITH ANA BULLETIN NO. 391

☐ EMERGENCY ☒ URGENT ☐ ROUTINE

1 ECP NO. 1		DATE 7-12-63		CONTRACT NO. FL-4004		ARTICLE IN PRODUCTION <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
2 NAME OF COMPLETE ARTICLE Navigation Panel				MODEL, TYPE DESIGNATION, SPEC, DWG. NO. CG8006A1			
3 NAME OF PART OR LOWEST SUBASSEMBLY AFFECTED Switch Rotary					PART NO. & MODEL, OR TYPE NO. OF PART OR LOWEST SUBASSEMBLY AFFECTED AD907599-2		
4 NATURE OF CHANGE Change "Destination Select Switch" - Replace front panel to define new functions. See Attachment					GFE AFFECTED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> DATE REQ. AT CONTRACTOR'S PLANT		
5 REASON FOR CHANGE (INCLUDE EXPLANATION OF ITEMS CHECKED IN NO. 7 BELOW OR BY EXHIBIT) Increase capability of selecting destinations from 8 to 16 locations. See Attachment					CHANGE (CHECK ONE) <input checked="" type="checkbox"/> REQUESTED BY PROCURING ACTIVITY IN _____ <input type="checkbox"/> INITIATED BY CONTRACTOR FOR _____ 1. <input type="checkbox"/> COMPLIANCE WITH NEW OR REV. SPEC. NO. _____ 2. <input type="checkbox"/> FIX FOR UNSATISFACTORY REPORT # _____ 3. <input type="checkbox"/> OTHERS _____		
6 ESTIMATED COST TO THE GOVERNMENT FOR CHANGE IN PRODUCTION (SHOW COST SEPARATELY AND, IF FIRM, SO STATE)							
6A EFFECT ON CONTRACT PRICE Will increase FL-4004							
7 ITEMS AFFECTED BY CHANGE (CHECK APPROPRIATE BLOCKS) <input type="checkbox"/> SAFETY <input type="checkbox"/> COMBAT EFFECTIVENESS <input checked="" type="checkbox"/> PERFORMANCE <input checked="" type="checkbox"/> OPERATING PROCEDURE <input checked="" type="checkbox"/> CONTRACT PRICE <input type="checkbox"/> CONTRACT WEIGHT <input type="checkbox"/> DELIVERY SCHEDULE <input type="checkbox"/> MAINTENANCE PROCEDURE <input type="checkbox"/> OVERHAUL METHODS <input type="checkbox"/> SERVICE LIFE <input type="checkbox"/> INTERCHANGEABILITY <input checked="" type="checkbox"/> SPARE PARTS EXHIBIT <input type="checkbox"/> GROUND SUPPORT EQUIPMENT							
8 PUBLICATIONS AFFECTED BY CHANGE (LIST PUBLICATION NO. ONLY) Pilot's Handbook Print Nos: Operational Manual CG8006A1 C9880 - E.S. CG8006A1 C9963, Sheet 3							
9 ESTIMATED PRODUCTION EFFECTIVITY POINT AND DATE (IF FIRM SO INDICATE) N/A							
10 DOES CONTRACTOR RECOMMEND CHANGE BE MADE RETROACTIVE IN ARTICLES DELIVERED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IS SERVICE BULLETIN RECOMMENDED <input type="checkbox"/> YES <input type="checkbox"/> NO REASON FOR RECOMMENDATIONS As requested by procuring agency							
LINES 11 AND 12 BELOW SHALL BE COMPLETED ONLY FOR CHANGES WHEN THE CONTRACTOR RECOMMENDS OR THE PROCURING ACTIVITY DIRECTS THAT THE CHANGE WILL BE RETROACTIVE.							
11 ESTIMATED PRICE OF MODIFICATION KITS OR PARTS (FOR PURPOSE OF ALLOCATION OF FUNDS) AT <input type="text"/>					ESTIMATED COST TO THE GOVERNMENT OF SPECIAL TOOLS, JIGS, FIXTURES, AND TEST EQUIPMENT N/A		
12 ESTIMATED MAN-HOURS PER UNIT TO ACCOMPLISH CHANGE IN ARTICLE 65 man hrs. per unit OA <input type="checkbox"/> FM <input type="checkbox"/> OH <input checked="" type="checkbox"/> 1/				SOURCE OF PARTS Purchase		APPROXIMATE DATE KITS AND PARTS WILL BE AVAILABLE 3 months after go-ahead	
SOURCE OF SPECIAL TOOLS, JIGS, FIXTURES, AND TEST EQUIPMENT N/A							

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ENGINEERING CHANGE PROPOSAL

E. C. P. NO. 1

4. NATURE OF CHANGE (CONTINUED)

This modification will require the replacement of the present destination select rotary switch on the Nav Panel with a concentric shaft rotary switch. This switch will contain an inner shaft with four decks and ten positions (switch #2) as is currently used, and the outer shaft with a single deck and two positions (switch #1). Switch #1 is a lever type switch.

In operation switch #2 will transmit four lines of binary information which will be decoded by the computer for the purpose of selecting one of eight possible destinations. Prior to this selection, the computer program will look at the output of switch #1. This is in the form of a discrete to the computer. If the contacts of switch #1 are open, the decoded output of switch #2 will be recognized as destinations 1 through 8. If the contacts of switch #2 are closed, the computer will recognize the output as destinations 9 through 16.

The present face plate will require a replacement with one containing the engraving necessary to display the additional destinations. In addition, a minor redesign of the panel lighting technique will be required.

5. REASON FOR CHANGE (CONTINUED)

Performance - Changes due to an added function being incorporated into the Nav Panel.

Operating Procedure - Changes since a second switch now commands the original switch. The operator must be aware of his actions with regard to the two switches.

Spare Parts Exhibit - The type switch is being changed and the face plate will also be replaced.

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